FIG. 1

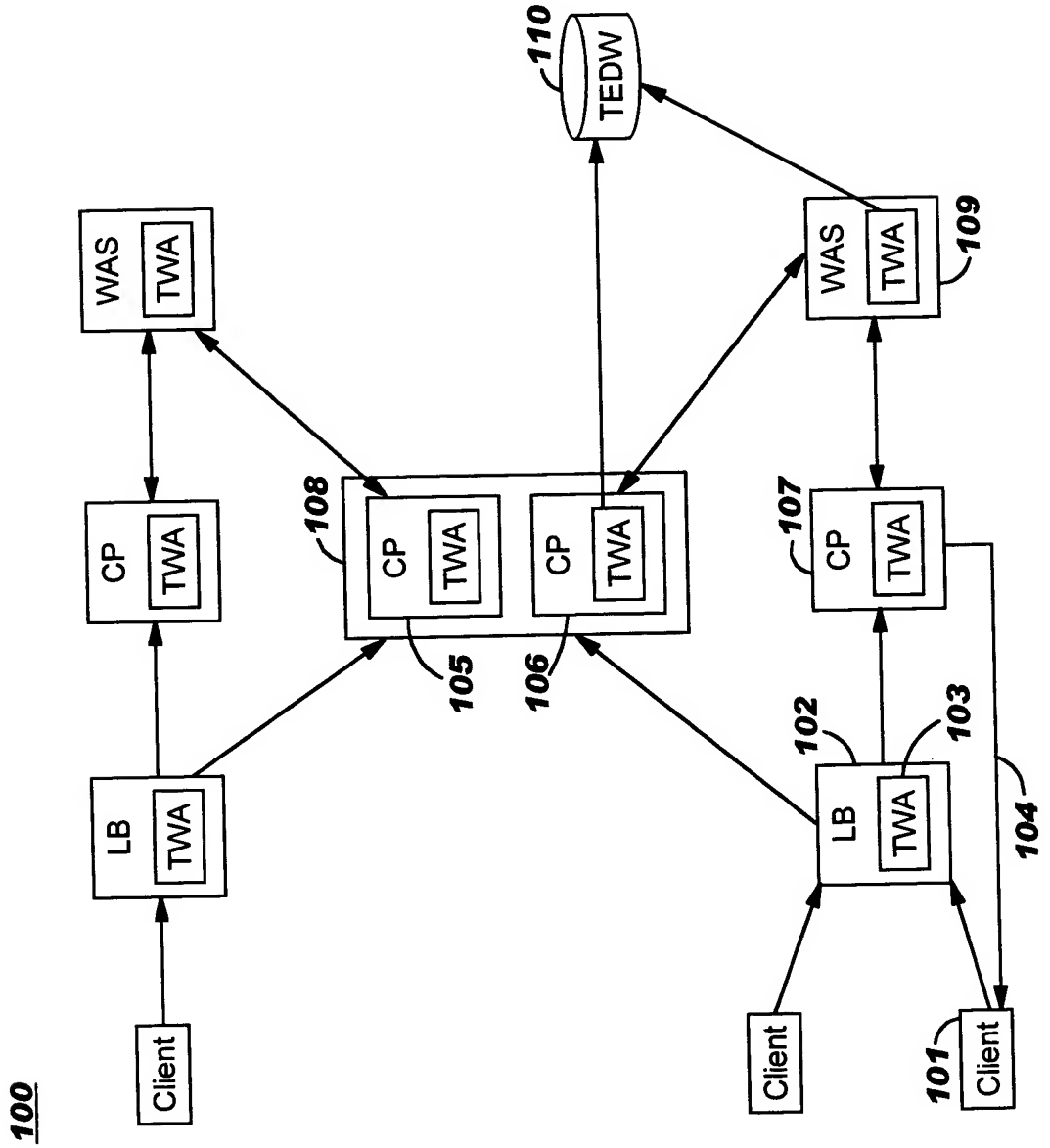

100
Client
LB
TWA
CP
TWA
WAS
TWA
105
106
108
110
TEDW
107
109
102
103
104
101

FIG. 2

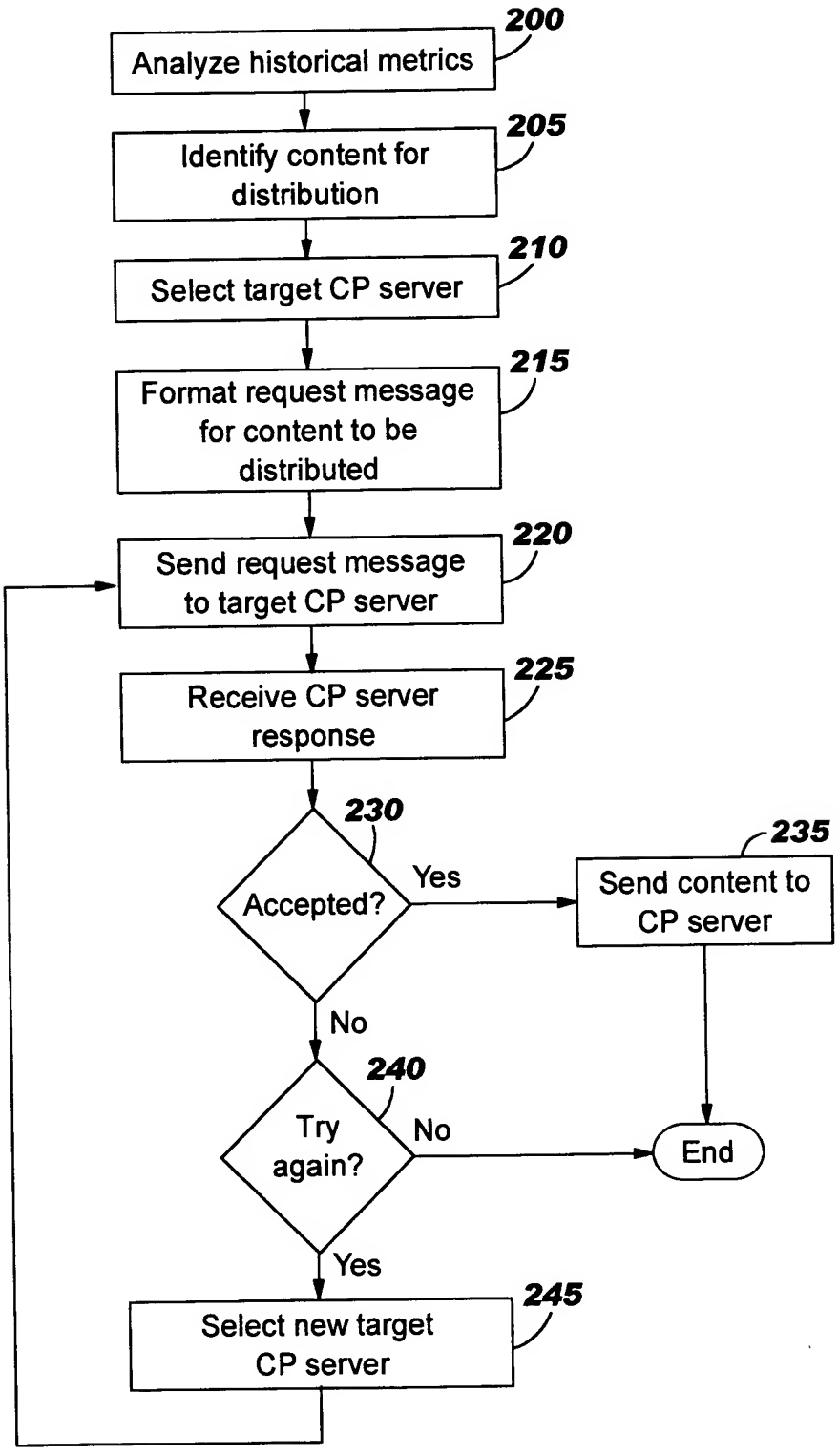

200
Analyze historical metrics
205
Identify content for distribution
210
Select target CP server
215
Format request message for content to be distributed
220
Send request message to target CP server
225
Receive CP server response
230
Accepted?
Yes
235
Send content to CP server
No
240
Try again?
No
End
Yes
245
Select new target CP server

FIG. 3

```
300

301 <CacheDistributionContentRequest id="7G9839U">
310 <Size unit = "MB">25.4</Size>
320 <HitRate unit ="hourly">3500</HitRate>
330 <SecurityLevel>classified</SecurityLevel>
340 <ContentType>AVI</ContentType>
    </CacheDistributionContentRequest>
```

FIG. 5

```
500

501 <CacheDistributionContentResponse id="7G9839U">
  510 <Reply value="Rejected">
    520 <ReasonCode>312</ReasonCode>
    530 <Description>Cannot serve classified documents</Description>
      </Reply>
    </CacheDistributionContentResponse>
```

FIG. 4

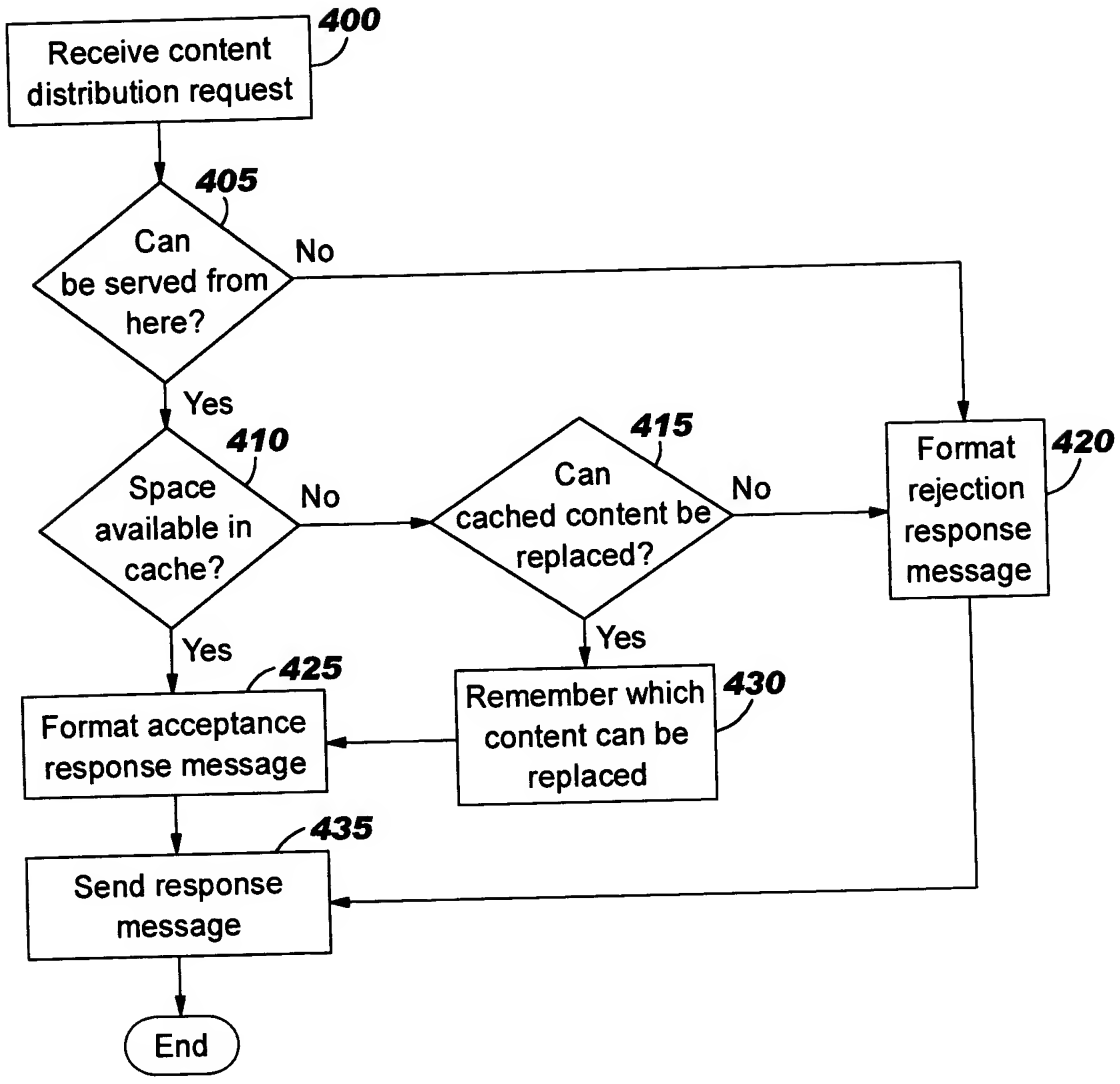
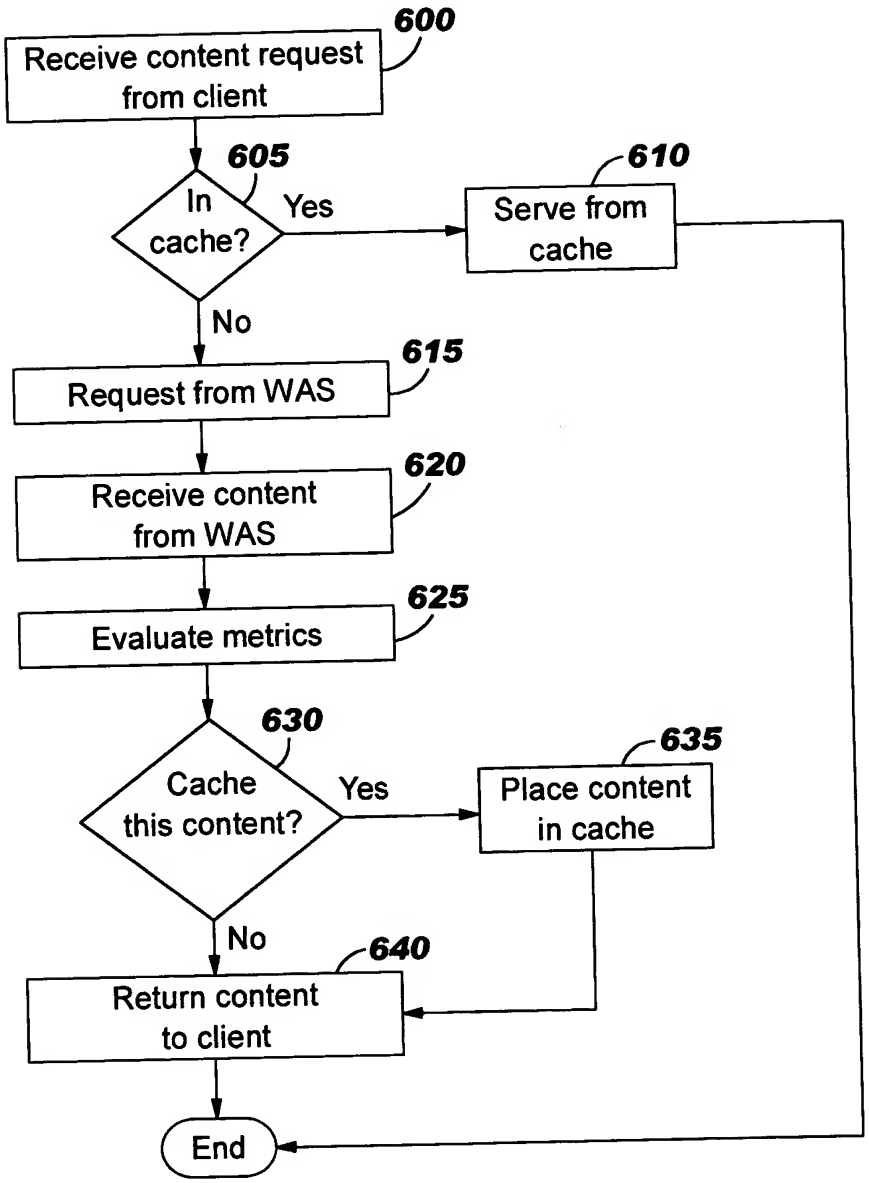

Receive content distribution request
400
Can be served from here?
405
No
Yes
Space available in cache?
410
No
Can cached content be replaced?
415
No
Format rejection response message
420
Yes
Yes
Format acceptance response message
425
Remember which content can be replaced
430
Send response message
435
End

FIG. 6


600
Receive content request from client
605
In cache?
Yes
610
Serve from cache
No
615
Request from WAS
620
Receive content from WAS
625
Evaluate metrics
630
Cache this content?
Yes
635
Place content in cache
No
640
Return content to client
End